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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Tomy Varghese, *et al.*  
Serial No.: 10/784,526  
Filed: February 23, 2004  
For: Ultrasonic Elastography Providing Axial, Orthogonal, and Shear Strain  
Docket No.: 960296.00144

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INFORMATION DISCLOSURE STATEMENT

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The following are submitted in the above-identified application in compliance with 37 CFR 1.97 & 1.98:

- ☒ A list of documents on Form PTO-1449 together with copies of each identified document;
- ☐ A translation or a concise explanation of each non-English language document is enclosed herewith.

This paper is submitted in accordance with:

- ☒ 37 CFR 1.97(b) (within 3 months of filing or prior to mailing of 1<sup>st</sup> Office Action)
- ☐ 37 CFR 1.97(c) (before Final Office Action or Notice of Allowance); and
  - ☐ The required certification made under the heading "Certification" below;  
or
  - ☐ The \$\_\_\_\_\_ fees specified in 37 CFR §1.17(p) for submission of this Information Disclosure Statement is authorized under the heading "Authorization to Charge Fees" below.

- ☐ 37 CFR 1.97(d) (before issue fee payment); and
- a) This is a petition for consideration of the subject Information Disclosure Statement. The petition fee \$ \_\_\_\_\_ required by 37 CFR 1.17(i)(1) is authorized under the heading "Authorization to Charge Fees". (Direct this letter to "Attention Petitions Examiner" and if applicable include batch locator information: e.g. "Allowed Files, Batch \_\_\_\_\_, Date of Allowance \_\_\_\_\_"), and
- b) The required Certification is stated under the heading "Certification" below.

☐ Certification

- ☐ Each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or
- ☐ No item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this document after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing of this Statement.

☒ Authorization to Charge Fees

Please charge all applicable fees associated with the submittal of this Information Disclosure Statement to Deposit Account No. 17-0055.

Respectfully submitted,

TOMY VARGHESE, *et al.*

By: \_\_\_\_\_

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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

### Complete if Known

Application Number	10/784,526
Filing Date	February 23, 2004
First Named Inventor	Tomy Varghese
Art Unit	3737
Examiner Name	
Attorney Docket Number	960296.00144

Sheet 1 of 1

### OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	ELISA KONOFAGOU, et al., A New Elastographic Method for Estimation and Imaging of Lateral Displacements, Lateral Strains, Corrected Axial Strains and Poisson's Ratios in Tissues, Ultrasound In Med. & Biol., Vo.. 24, No. 8, pp. 1183-1199, 1998, World Federation for Ultrasound in Medicine & Biology. Published in the USA.	
	2	MARK A. LUBINSKI, et al., Lateral Displacement Estimation Using Tissue Incompressibility, IEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, Vol. 43, No. 2, March 1996.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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